CLAIMS

Please amend the Claims as follows:

1. (Original) A cooling vest system for providing a vest with thermally efficient cooling of the upper torso, front and back, of a wearer comprising, in combination:

a basic vest adapted to be worn on the upper torso of a wearer and formed of a large rear panel and two laterally disposed small front panels, the panels being fabricated of a material of low thermal insulation capabilities with a 2 mil thickness plus or minus 10 percent, the front panels having exterior edges located adjacent to the sides of a wearer and interior edges located adjacent to the front of a wearer with a sliding fastener there between, the rear panel having side edges located adjacent to the sides of a wearer, the front panels and the rear panel having interior surfaces facing a wearer and exterior surfaces facing away from a wearer and also having spaced upper edges positionable above the shoulders of a wearer with two rows of stitching coupling the upper edges of the front panels to the upper edge of the rear panel and with a neck opening between the rows of stitching;

a pair of inserts positionable adjacent to the sides of the wearer with lateral edges stitched to the side edges of the rear panel and front panels, the inserts being fabricated of an elastic material selected from the class of elastic materials including plastic and rubber, natural and synthetic, and blends

thereof to thereby increase the range of motion of a wearer, the basic vest also including arm holes above the inserts;

a plurality of pockets including two laterally spaced rectangular front sheets located on the exterior surface of the front panels on opposite sides of the sliding fastener, the plurality of pockets also including two laterally spaced rectangular rear sheets located on the exterior surface of the rear panel generally laterally aligned with the front sheets at a higher elevation, each sheet being between about 6 inches and 8 inches wide and about 12 inches and 15 inches high, each sheet having a lower peripheral edge stitched to an associated panel and side peripheral edges stitched to an associated panel with a free upper peripheral edge forming an opening with a hook and loop fasteners there adjacent with pull tabs there above for allowing a wearer to open and close the opening, the sheets being fabricated of a material of high thermal insulation capabilities with a 3 mil thickness plus or minus 10 percent; and

a plurality of similarly sized and shaped rectangular cooling packs, each cooling pack having a width of between about 5 inches and 7 inches and having a height of about 11 inches and 14 inches and having a thickness of between about 0.25 inches and about 0.75 inches, the cooling packs adapted to be initially placed in a cooling chamber such as a freezer for thereby being cooled, the cooling packs being adapted to be subsequently placed in the pockets for dissipating the cooling

temperature to a wearer, the sheets located exteriorly of the cooling packs being of greater thermal insulating properties than the panels located interiorly of the cooling packs for greater thermal efficiency of the system when cooling a wearer.

2. (Currently Amended) A cooling vest system comprising:

a basic vest formed of a rear panel and laterally disposed front panels fabricated of ~~a material of low thermal insulation capabilities~~ Airprene;

a plurality of pockets including two laterally spaced rectangular front sheets located on the exterior surface of the front panels and two laterally spaced rectangular rear sheets located on the exterior surface of the rear panel, each sheet having peripheral edges stitched to an associated panel and a free peripheral edge forming an opening with fasteners there adjacent for allowing a wearer to open and close the opening, the sheets being fabricated of ~~a material of high thermal insulation capabilities~~ neoprene; and

a plurality of cooling packs being adapted to be placed in the pockets for dissipating the cooling temperature to a wearer.

3. (Canceled)

4. (New) A cooling vest system comprising:

a basic vest formed of a rear panel and laterally disposed front panels fabricated of a breathable, stretchable, elastometric synthetic rubber material with low thermal insulating capabilities;

a plurality of pockets including two laterally spaced rectangular front sheets located on the exterior surface of the front panels and two laterally spaced rectangular rear sheets located on the exterior surface of the rear panel, each sheet having peripheral edges stitched to an associated panel and a free peripheral edge forming an opening with fasteners there adjacent for allowing a wearer to open and close the opening, the sheets being fabricated of neoprene with high thermal insulating capabilities; and

a plurality of cooling packs being adapted to be placed in the pockets for dissipating the cooling temperature to a wearer.